

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough; and 2. added matter is shown by underlining.

Claims 1-11 Cancelled.

Please add new claims 12-31 as follows:

12. (New) A projections system, the projection system having a chassis, the projection system comprising:

a carrier;

an image generating element;

a first optical element supported by a first mechanical holder;

a second optical element supported by a second mechanical holder;

the image generating element, the first optical element and the second optical element being located on a common optical axis ;

at least one of the first mechanical holder and the second mechanical holder being movably supported by the carrier such that at least the first mechanical holder or the second mechanical holder is movable in a direction parallel to the common optical axis

13. (New) The projector as claimed in claim 12, in which the carrier is integrally formed in the chassis.

14. (New) The projector as claimed in claim 12, further comprising a light source supported by the carrier.

15. (New) The projector as claimed in claim 12, in which the carrier is separable from the chassis.

16. (New) The projector as claimed in claim 12, in which the first optical element comprises a focusing element and the second optical element comprises a zoom element.

17. (New) The projector as claimed in claim 12, in which at least one of the first mechanical holder or the second mechanical holder is supported by threaded members that convert rotational movement into axial movement.

18. (New) The projector as claimed in claim 12, in which the first mechanical holder and the second mechanical holder are movable independently of one another.

19. (New) The projector as claimed in claim 17, further comprising guide cams controlling the movement of the threaded members thus controlling the axial movement of the at least one of the first mechanical holder or the second mechanical holder.

20. (New) The projector as claimed in claim 12, further comprising line guides between the carrier and at least one of the first mechanical holder or the second mechanical holder to allow axial movement..

21. (New) The projector as claimed in claim 12, in which either the first mechanical holder or the second mechanical holder is fixedly supported by the carrier and the other of the first mechanical holder or the second mechanical holder is movable relative to the carrier and the carrier is moved along with fixedly supported mechanical holder while the movable mechanical holder is held stationary relative to the chassis.

22. (New) The projector as claimed in claim 12, in which the image generating element is fixedly supported by the carrier.

23. (New) A method of supporting elements in a projection system, the projection system comprising a chassis, the method comprising the steps of:

supporting a carrier on the chassis

mounting an image generating element in the projector;

mounting a first optical element supported by a first mechanical holder in the carrier;

mounting a second optical element supported by a second mechanical holder in the carrier;

aligning the image generating element, the first optical element and the second optical element such that they are located on a common optical axis ;

mounting at least one of the first mechanical holder and the second mechanical holder such that the first mechanical holder and the second mechanical holder movably supported by the carrier such that at least the first mechanical holder or the second mechanical holder is movable in a direction parallel to the common optical axis

24. (New) The method as claimed in claim 23, further comprising the step of forming the carrier integrally in the chassis.

25. (New) The method as claimed in claim 23, further comprising the step of mounting a light source on the carrier.

26. (New) The method as claimed in claim 23, further comprising the step of constructing the carrier to be separable from the chassis.

27. (New) The method as claimed in claim 23, further comprising the step of mounting at least one of the first mechanical holder or the second mechanical holder in a threaded member that converts rotational movement into axial movement.

28. (New) The method as claimed in claim 27, further comprising the step of installing guide cams to control the movement of the threaded member.

29. (New) The method as claimed in claim 23, further comprising the step of installing linear guides in the carrier to allow axial movement of at least one of the first mechanical holder or the second mechanical holder.

30. (New) The method as claimed in claim 23, further comprising the step of fixedly supporting either the first mechanical holder or the second mechanical holder in the carrier and holding the other of either the first mechanical holder or the second mechanical holder stationary relative to the chassis and moving the carrier along with the fixedly supported mechanical holder relative to the chassis.

31. (New) The method as claimed in claim 23, further comprising the step of fixedly mounting the image generating element to the carrier.

AMENDMENTS TO THE DRAWINGS

Applicant has amended Figure 1 to add light source 12 as recited in the claims. As this element of the invention has been described on page 2, line 4, no new matter has been added.